

FIG.1

S11

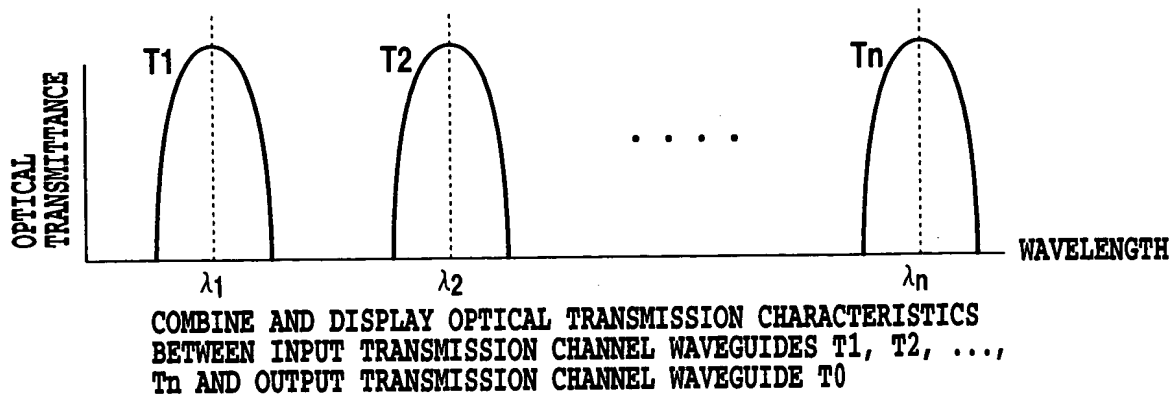


FIG. 2A

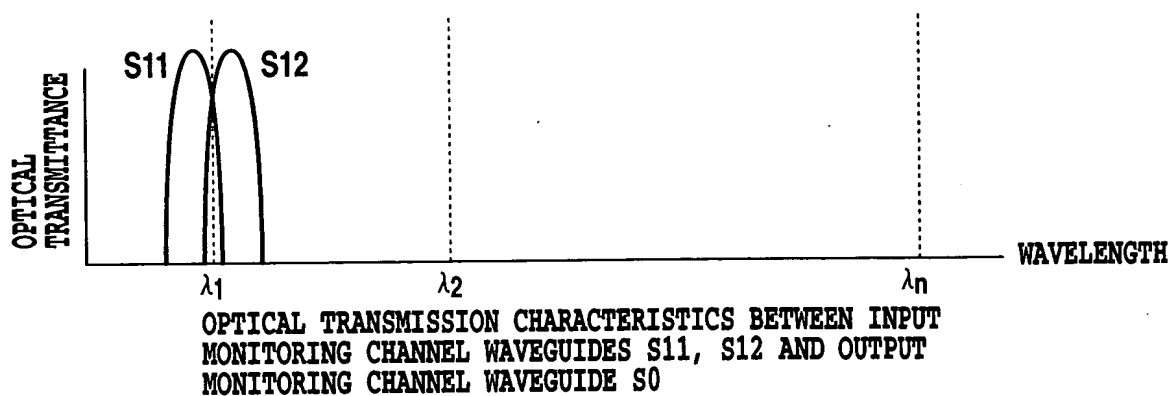


FIG. 2B

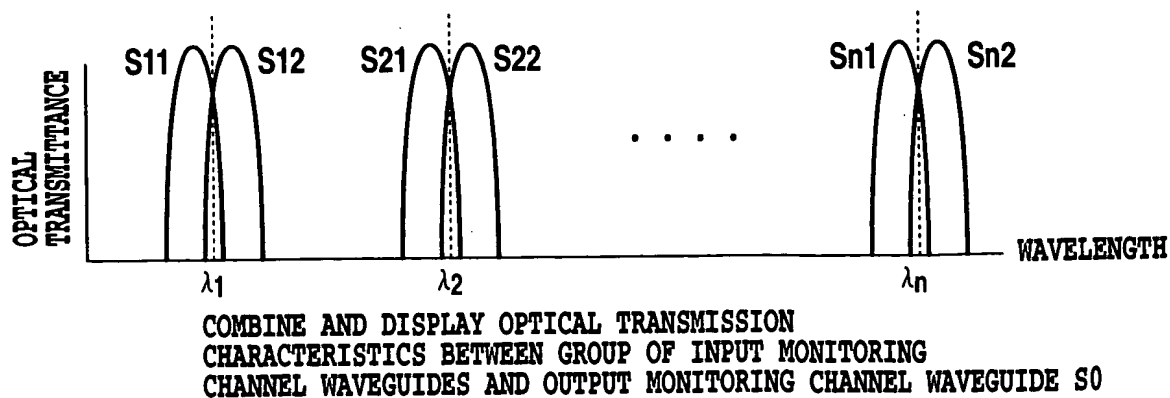


FIG. 2C

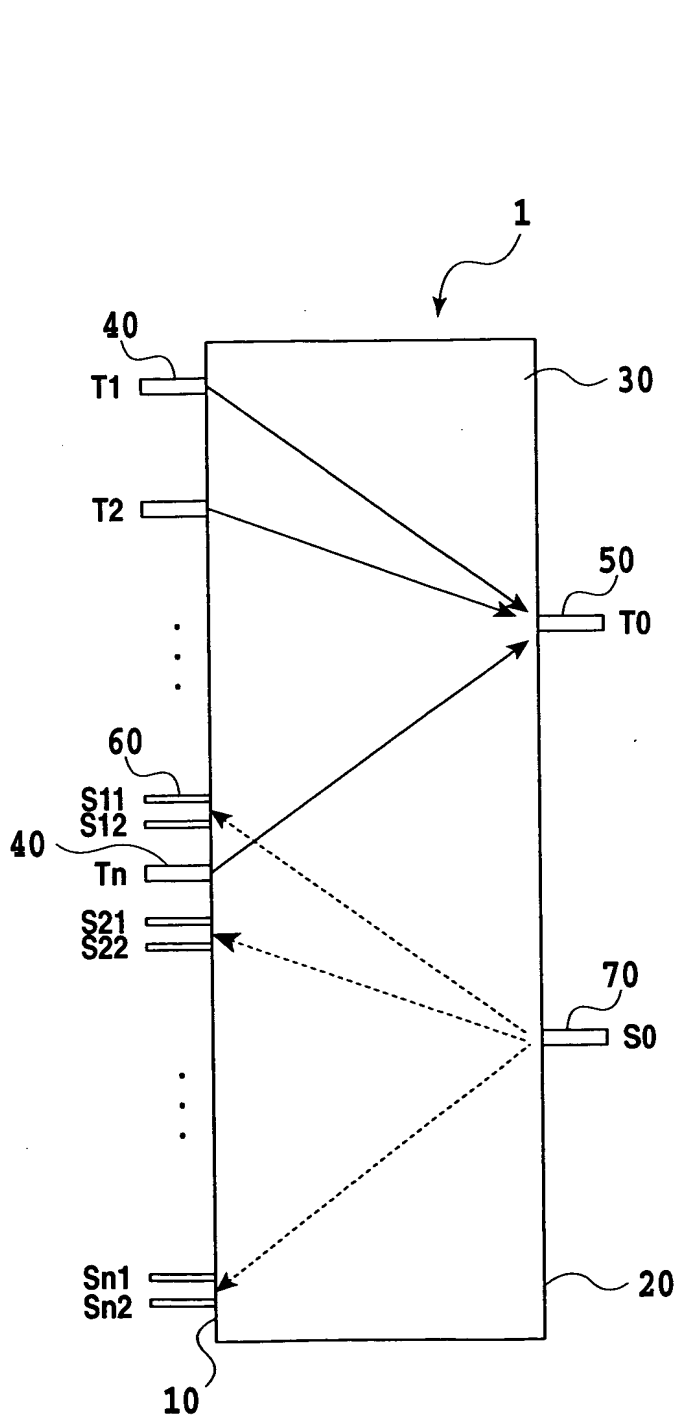


FIG.3A

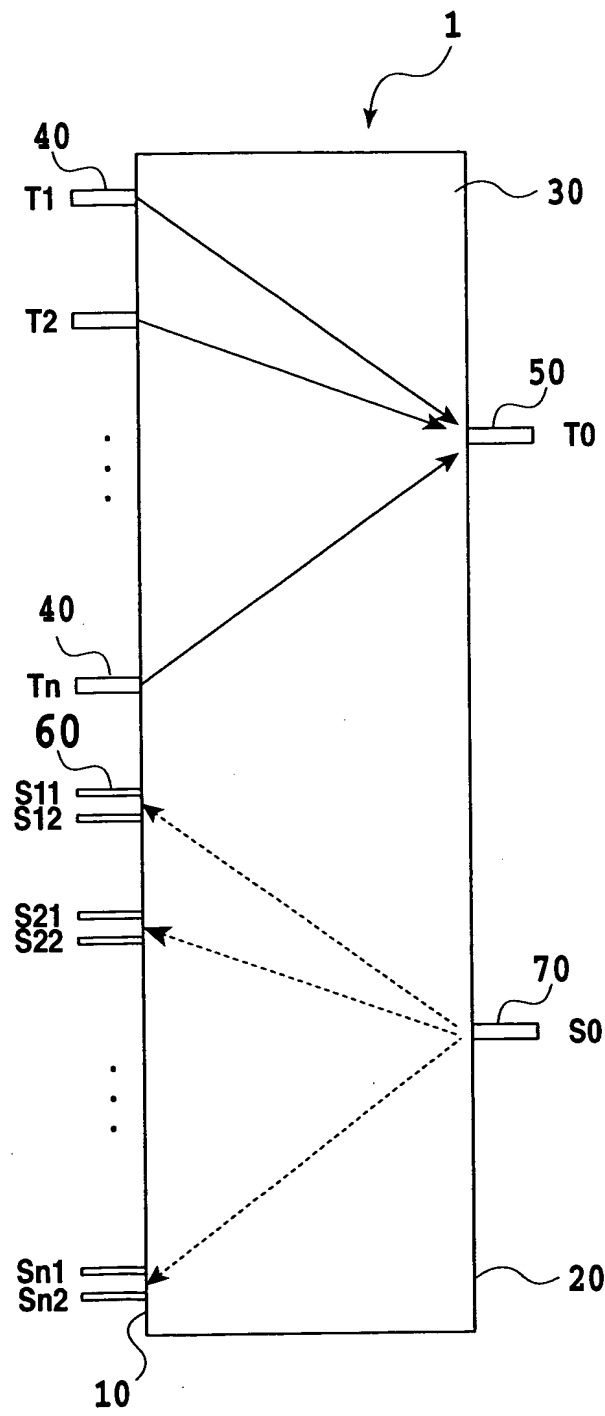
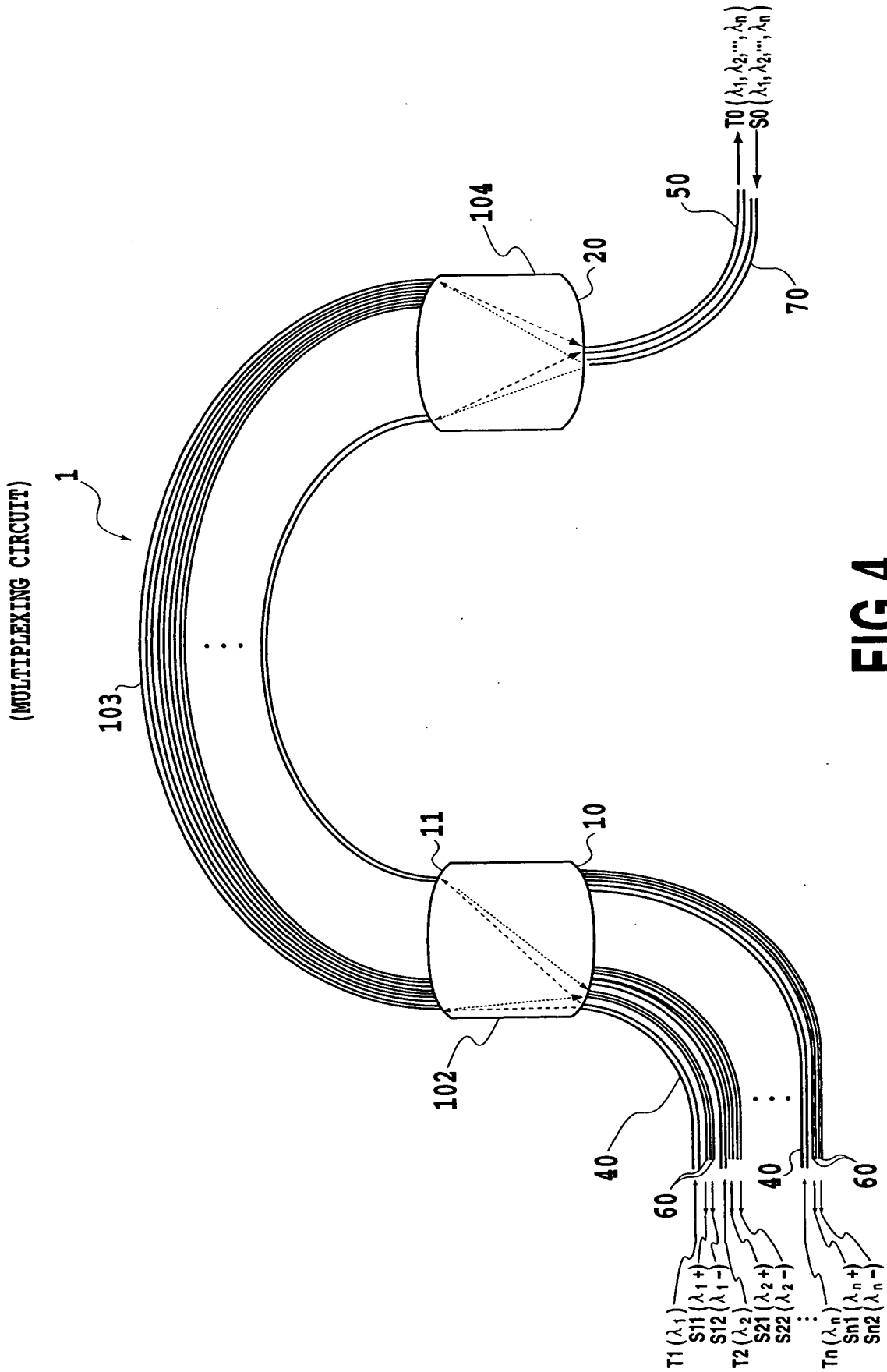


FIG.3B



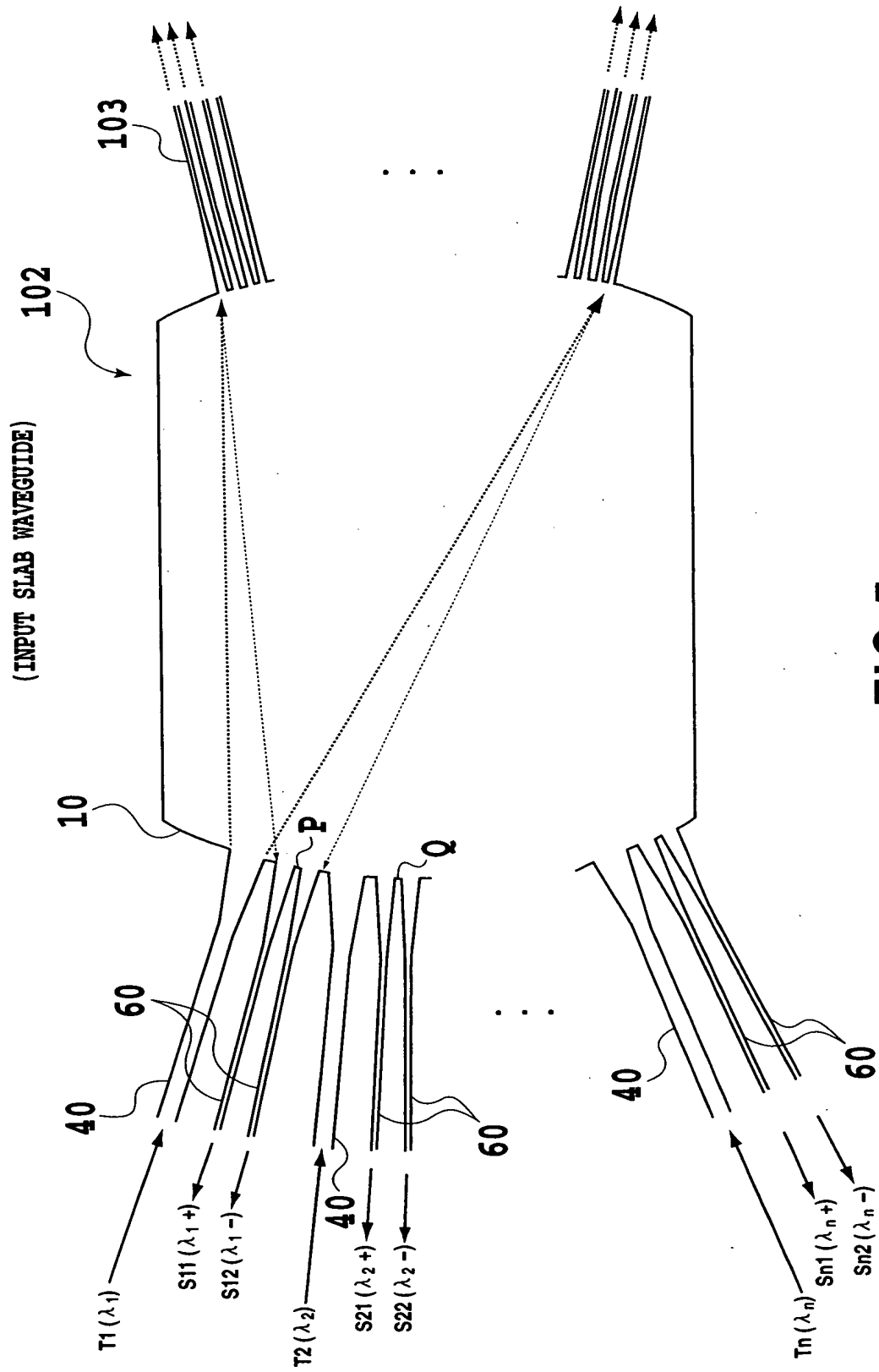


FIG.5

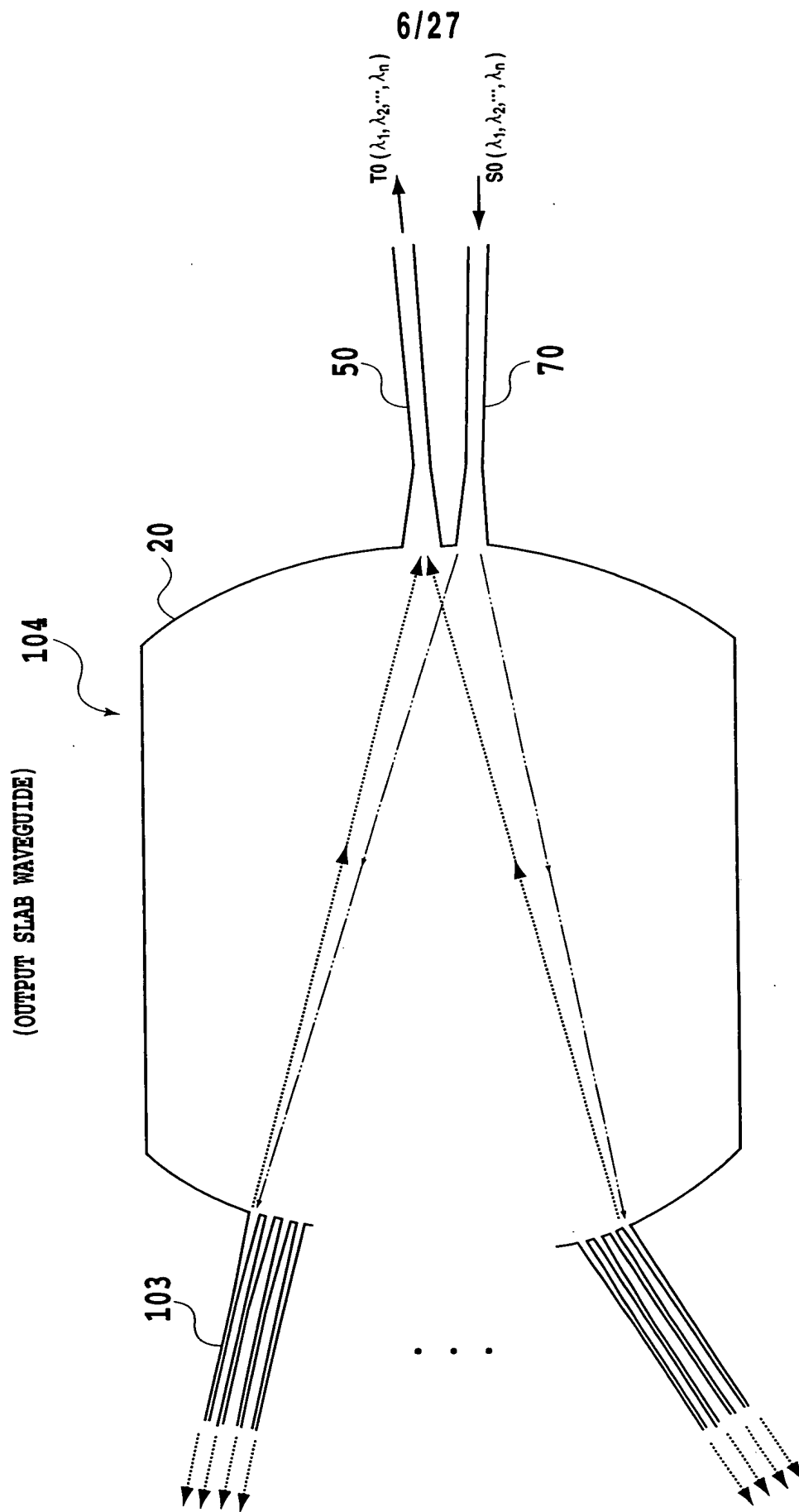


FIG. 6

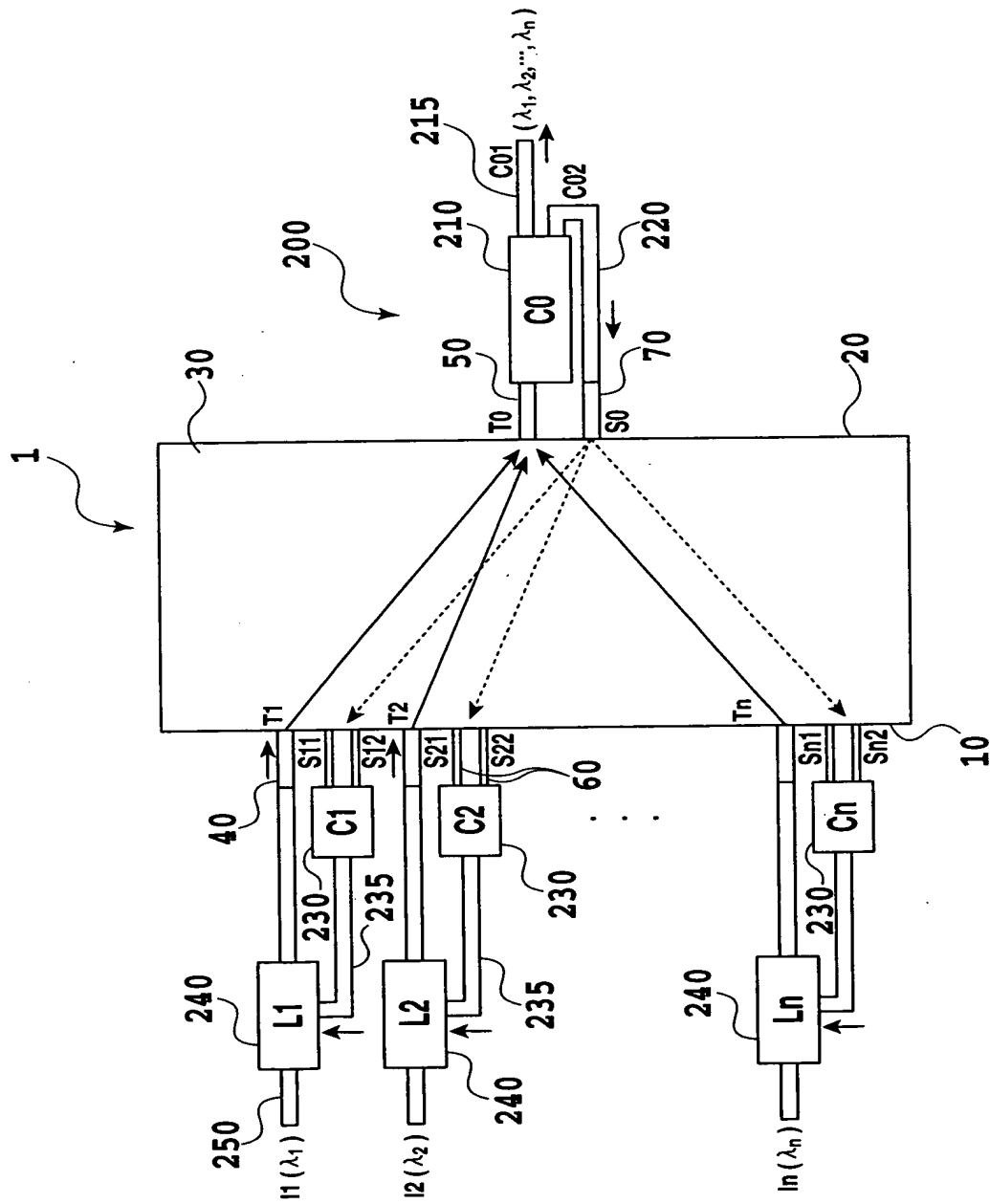


FIG.7

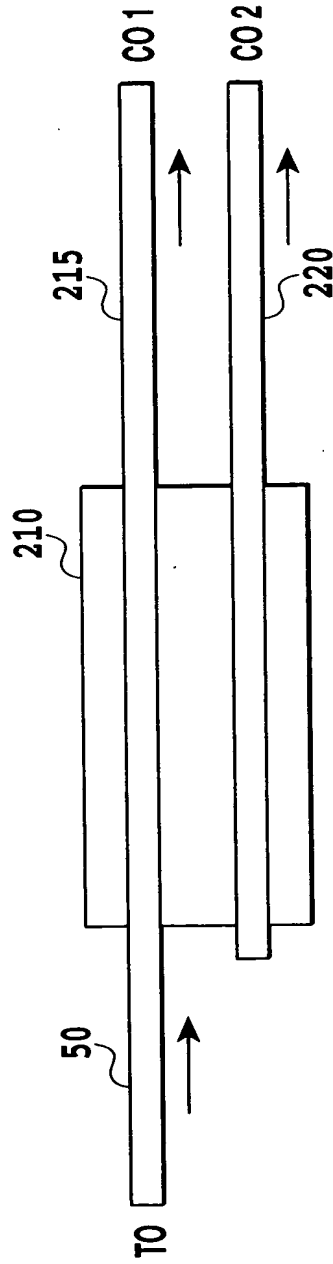


FIG.8

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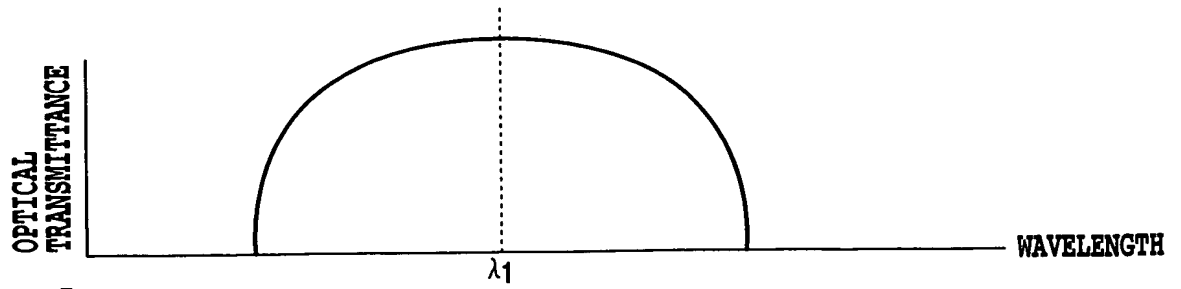


FIG. 9A

OPTICAL TRANSMISSION WAVELENGTH
CHARACTERISTIC BETWEEN T1 AND T0

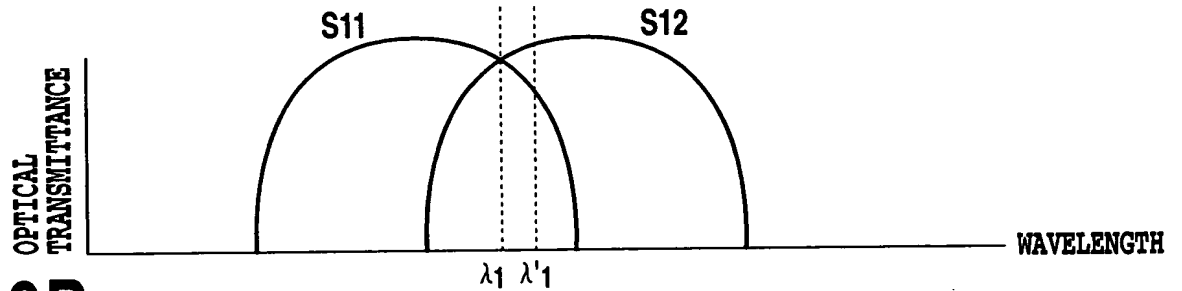


FIG. 9B

OPTICAL TRANSMISSION WAVELENGTH
CHARACTERISTICS BETWEEN S0 AND S11, S12

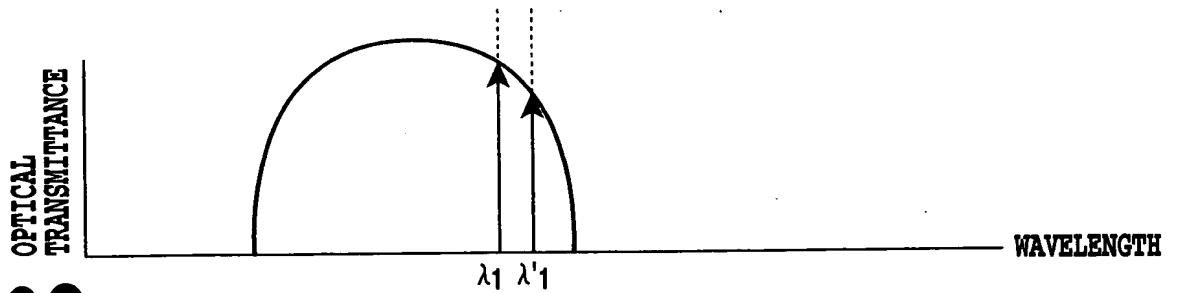


FIG. 9C

OPTICAL TRANSMISSION WAVELENGTH
CHARACTERISTIC BETWEEN S0 AND S11

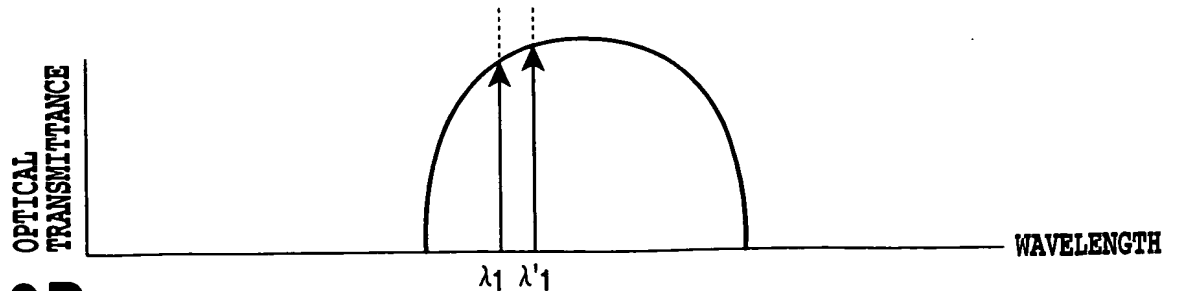


FIG. 9D

OPTICAL TRANSMISSION WAVELENGTH
CHARACTERISTIC BETWEEN S0 AND S12

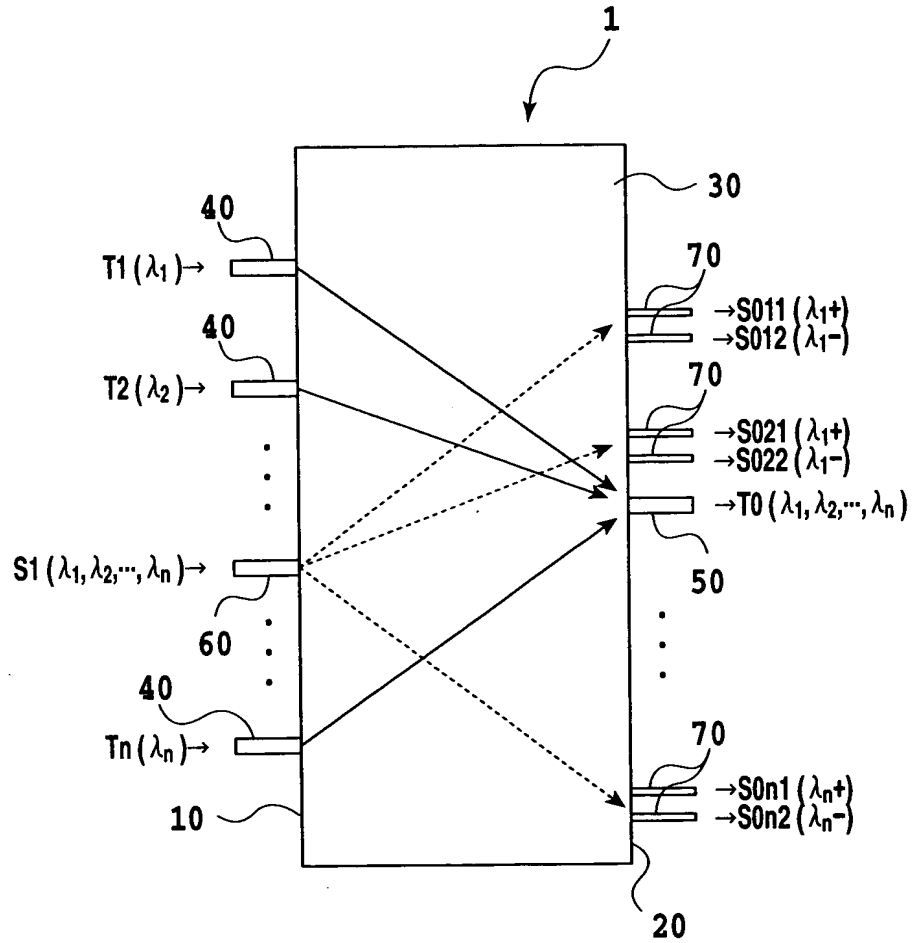


FIG.10

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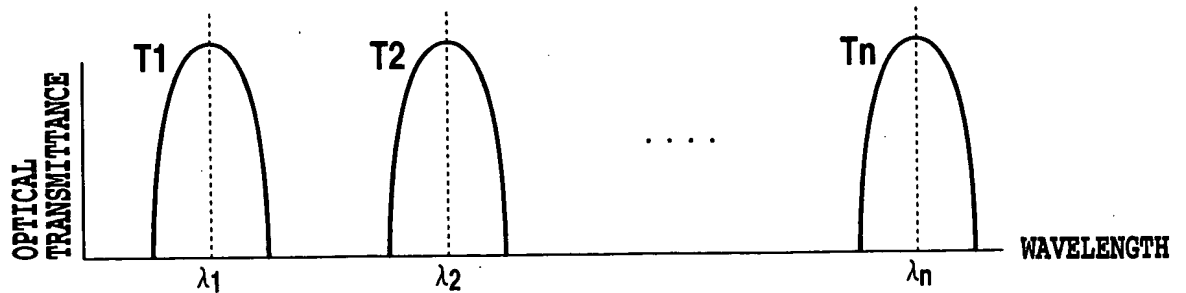


FIG.11A

COMBINE AND DISPLAY OPTICAL TRANSMISSION CHARACTERISTICS BETWEEN INPUT TRANSMISSION CHANNEL WAVEGUIDES T1, T2, ..., Tn AND OUTPUT TRANSMISSION CHANNEL WAVEGUIDE T0

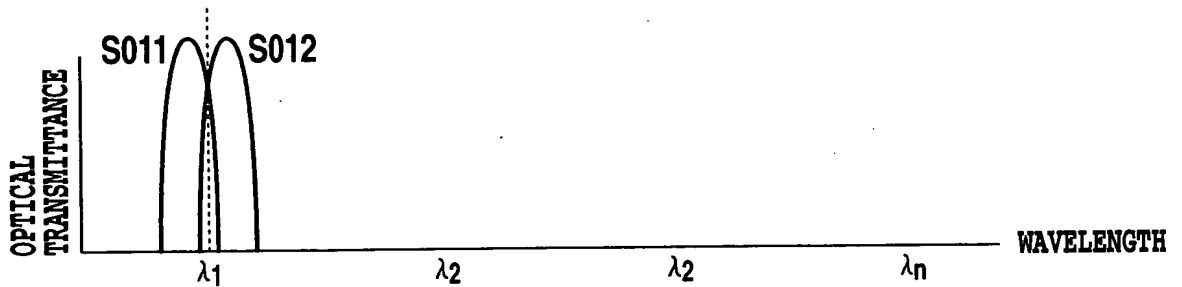


FIG.11B

OPTICAL TRANSMISSION CHARACTERISTICS BETWEEN INPUT MONITORING CHANNEL WAVEGUIDE S1 AND OUTPUT MONITORING CHANNEL WAVEGUIDES S011, S012

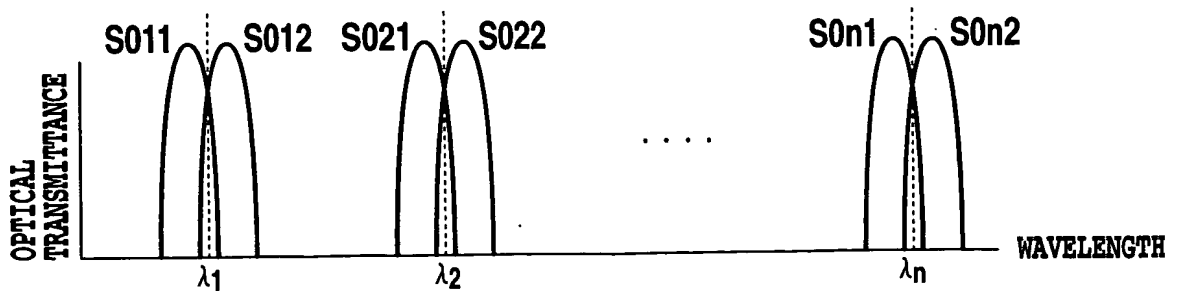


FIG.11C

COMBINE AND DISPLAY OPTICAL TRANSMISSION CHARACTERISTICS BETWEEN INPUT MONITORING CHANNEL WAVEGUIDE S1 AND GROUP OF OUTPUT MONITORING CHANNEL WAVEGUIDES S011, S012, S021, S022, ..., S0n1, S0n2

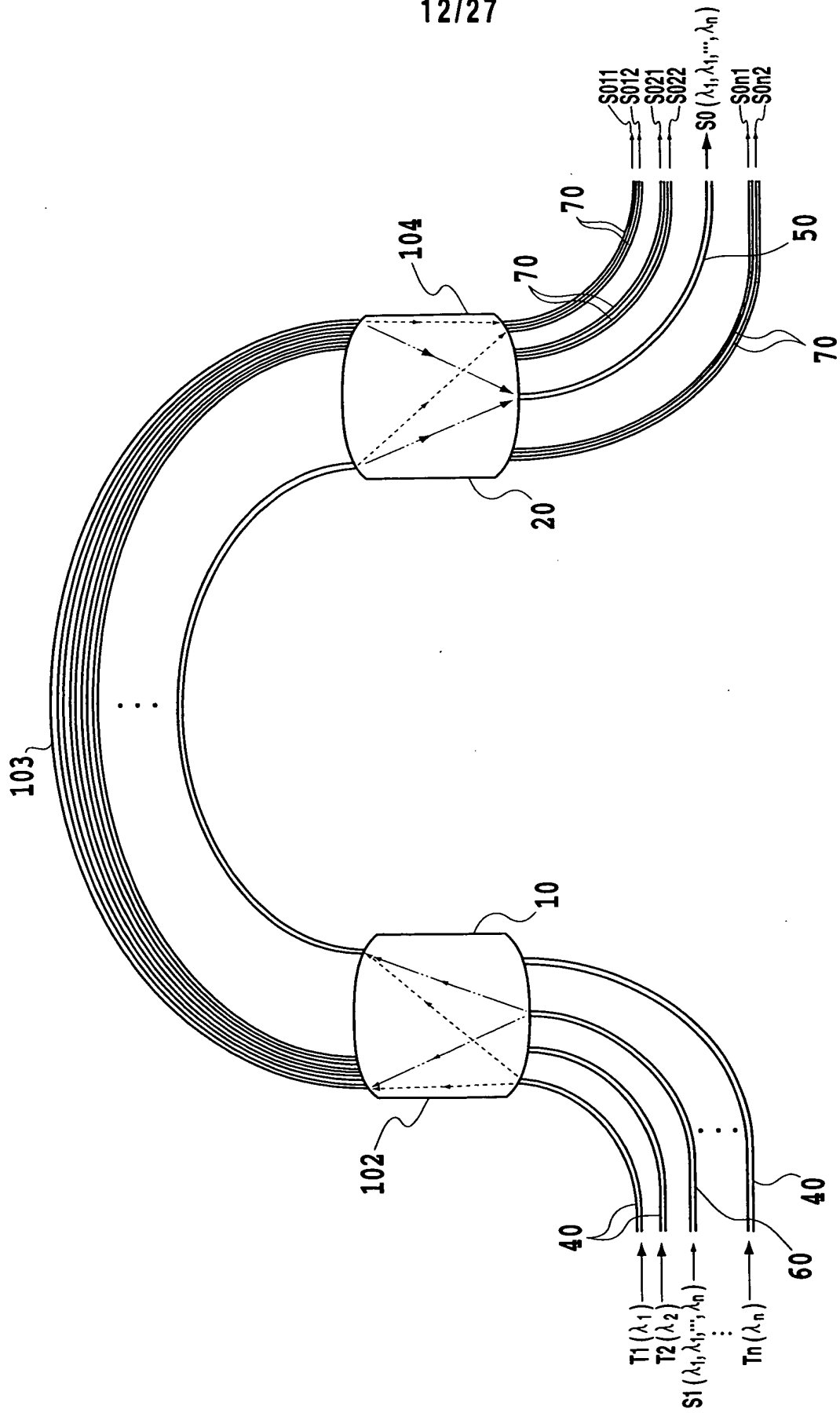


FIG.12

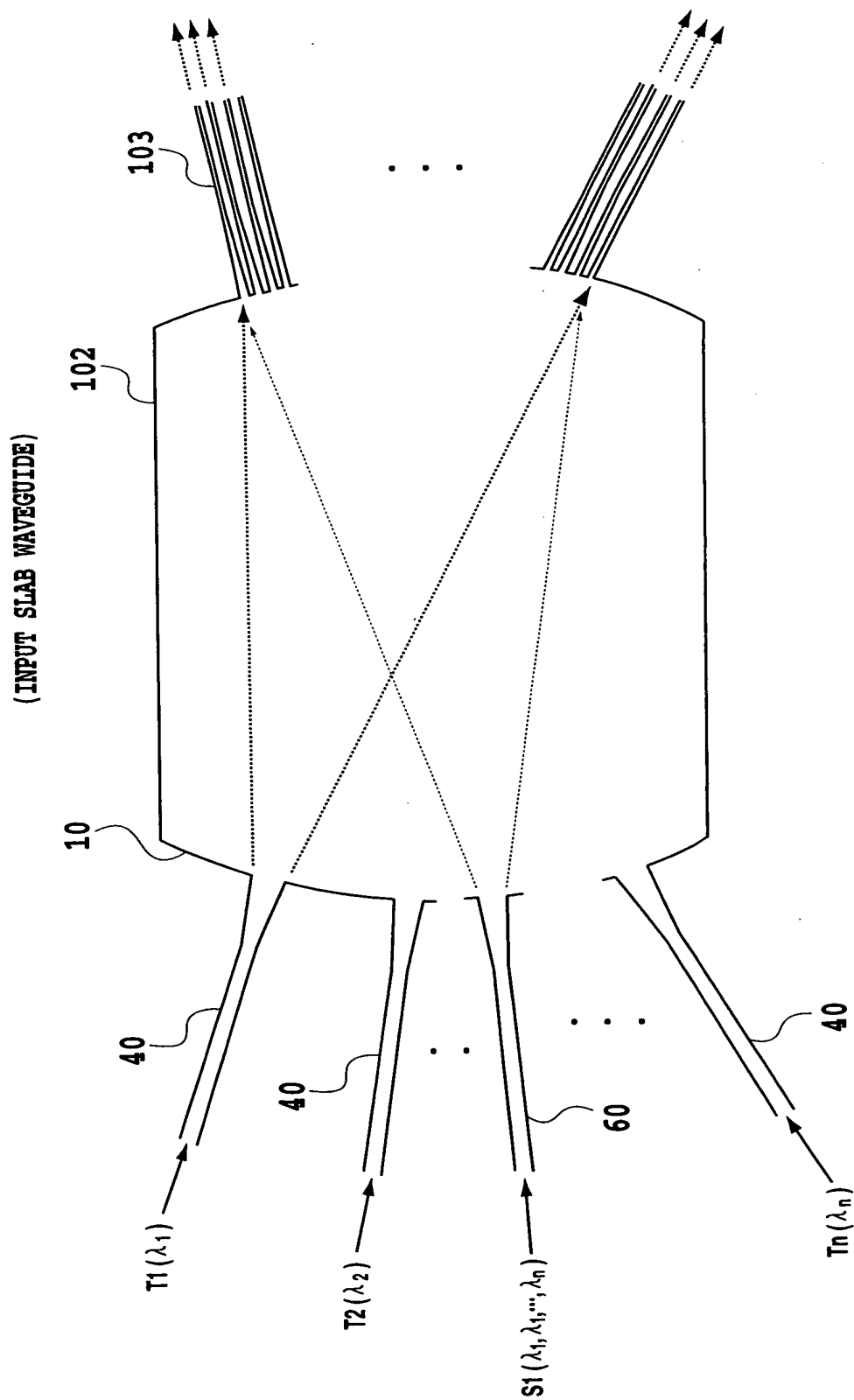


FIG.13

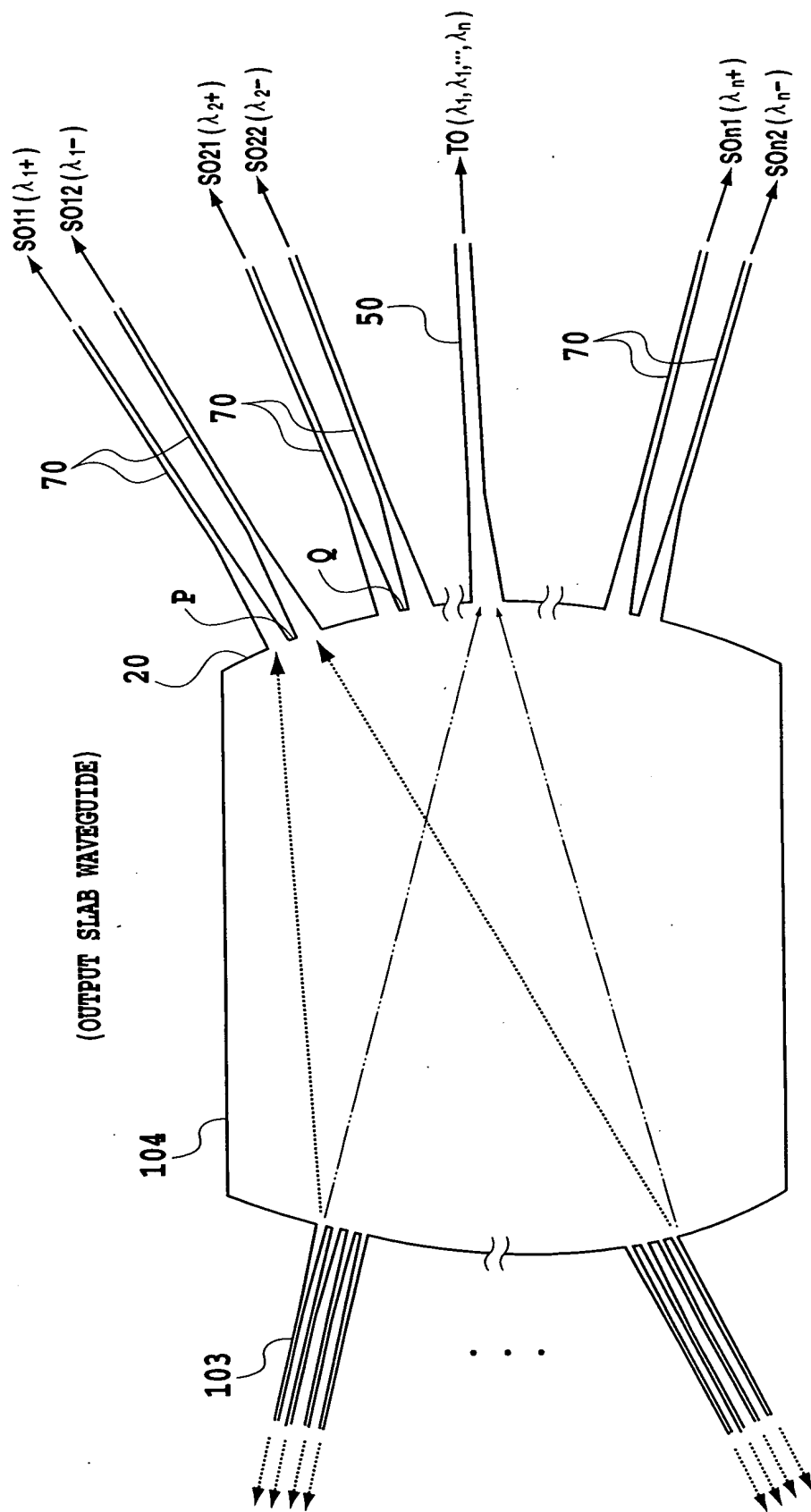


FIG.14

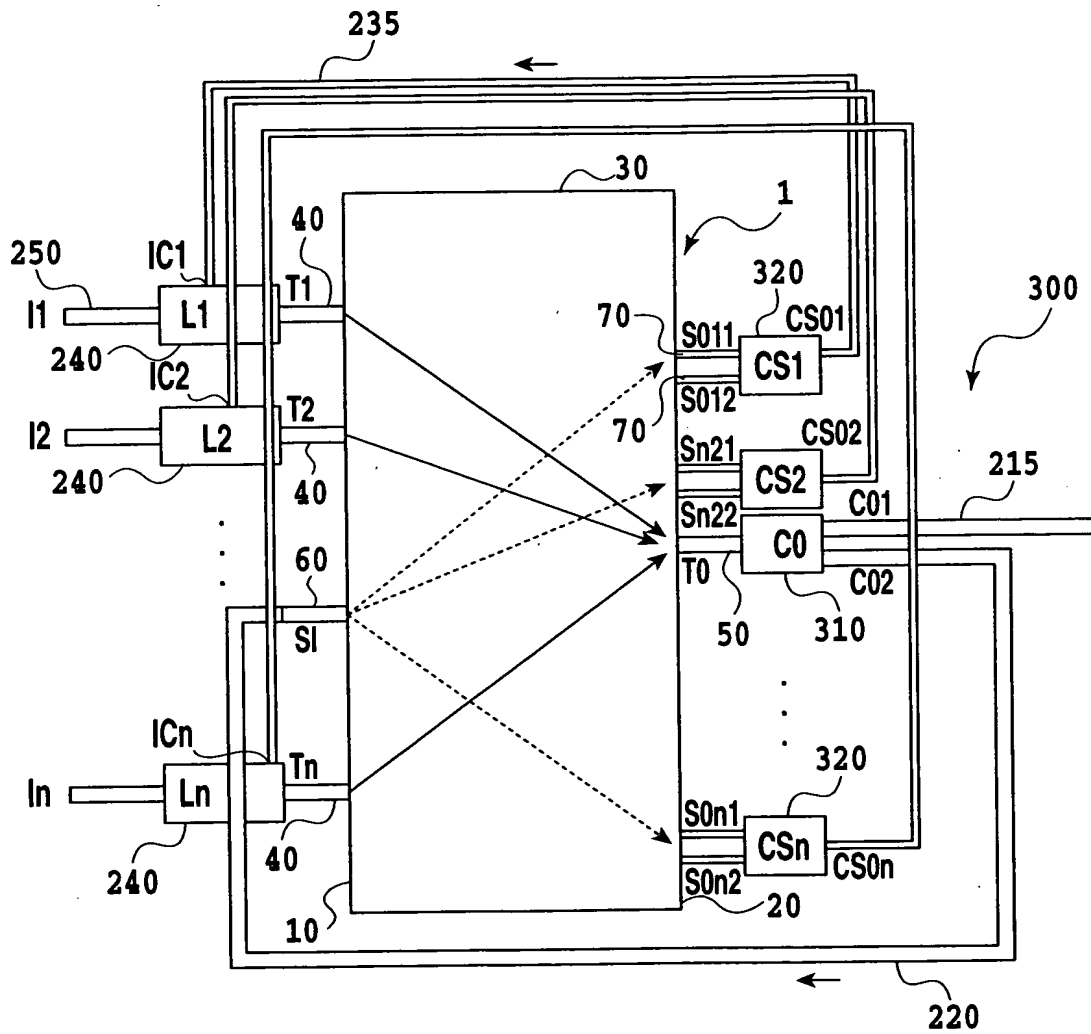


FIG.15

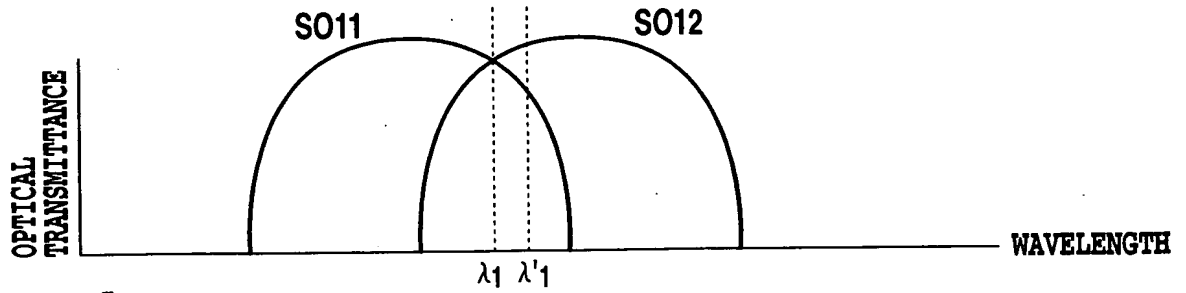


FIG. 16A

OPTICAL TRANSMISSION WAVELENGTH
CHARACTERISTICS BETWEEN SI AND S011, S012

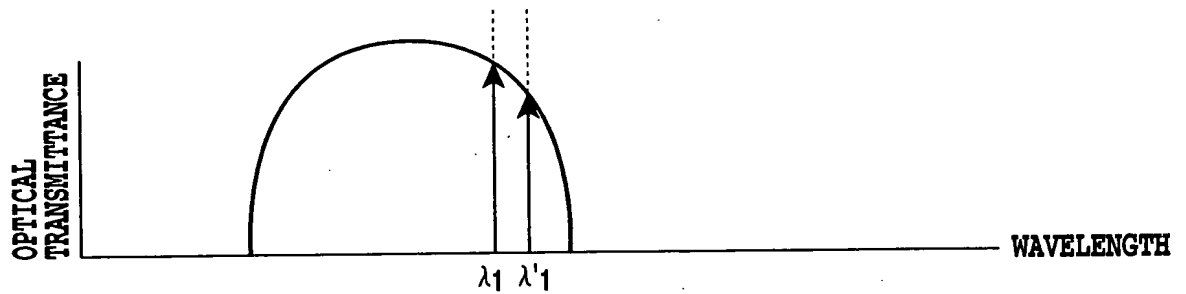


FIG. 16B

OPTICAL TRANSMISSION WAVELENGTH
CHARACTERISTIC BETWEEN SI AND S011

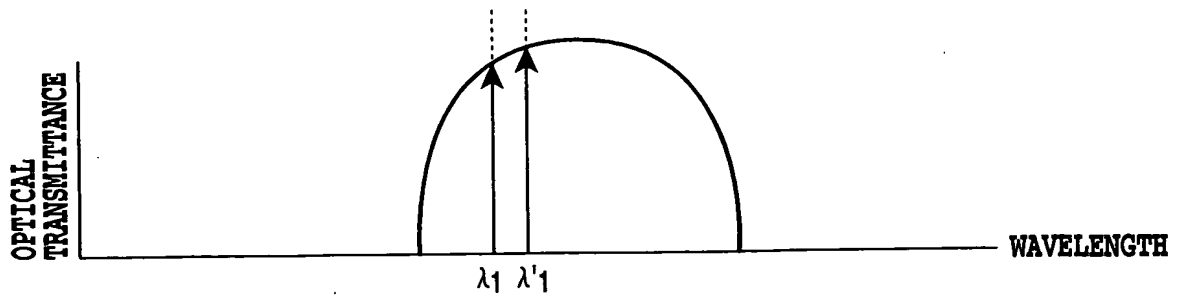


FIG. 16C

OPTICAL TRANSMISSION WAVELENGTH
CHARACTERISTIC BETWEEN SI AND S012

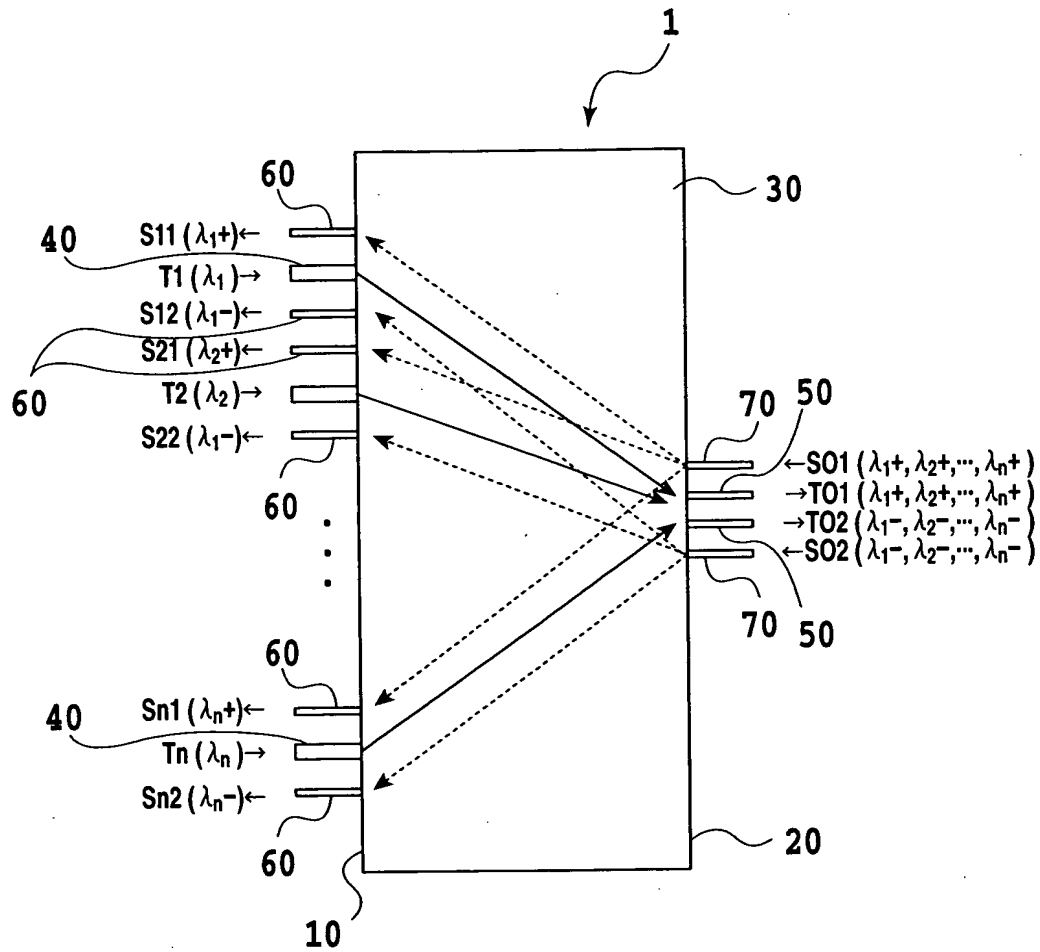


FIG.17

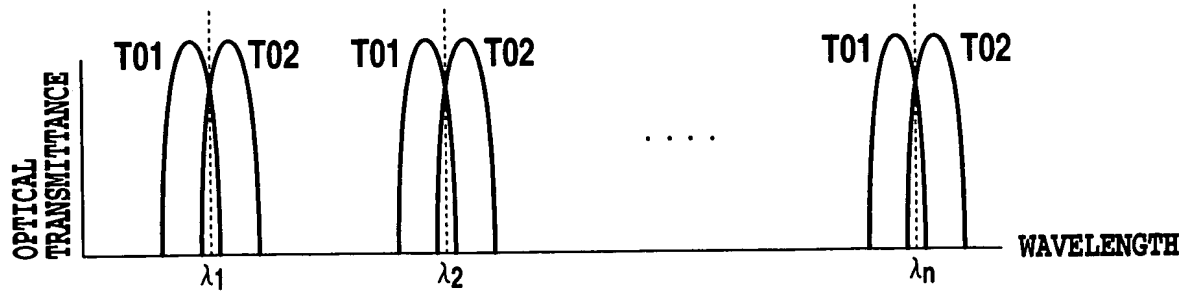


FIG.18A (b) COMBINE AND DISPLAY OPTICAL TRANSMISSION CHARACTERISTICS BETWEEN INPUT TRANSMISSION CHANNEL WAVEGUIDES T_1, T_2, \dots, T_n AND OUTPUT TRANSMISSION CHANNEL WAVEGUIDES T_{01}, T_{02}

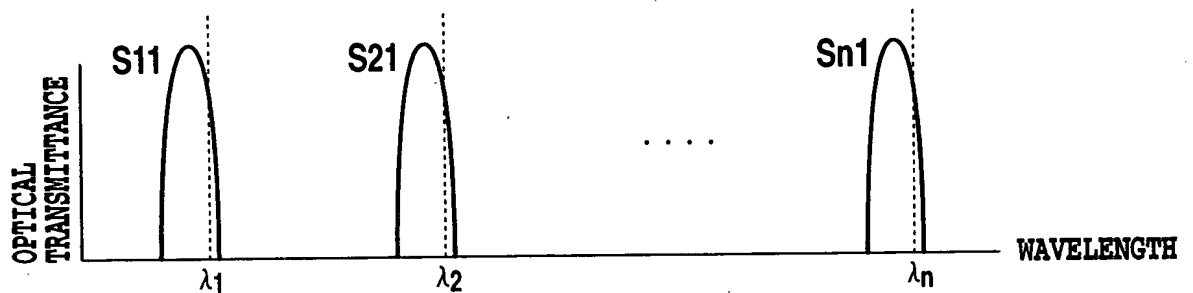


FIG.18B (c) COMBINE AND DISPLAY OPTICAL TRANSMISSION CHARACTERISTICS BETWEEN INPUT MONITORING CHANNEL WAVEGUIDES $S_{11}, S_{21}, \dots, S_{n1}$ AND OUTPUT MONITORING CHANNEL WAVEGUIDE S_{01}

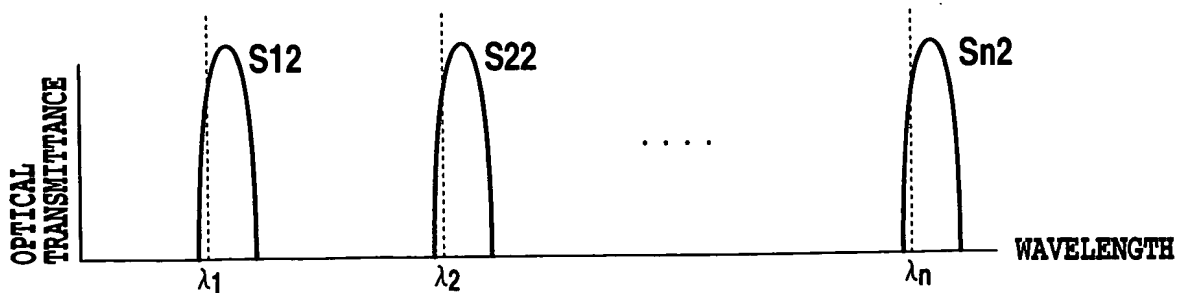


FIG.18C (d) COMBINE AND DISPLAY OPTICAL TRANSMISSION CHARACTERISTICS BETWEEN INPUT MONITORING CHANNEL WAVEGUIDES $S_{12}, S_{22}, \dots, S_{n2}$ AND OUTPUT MONITORING CHANNEL WAVEGUIDE S_{02}

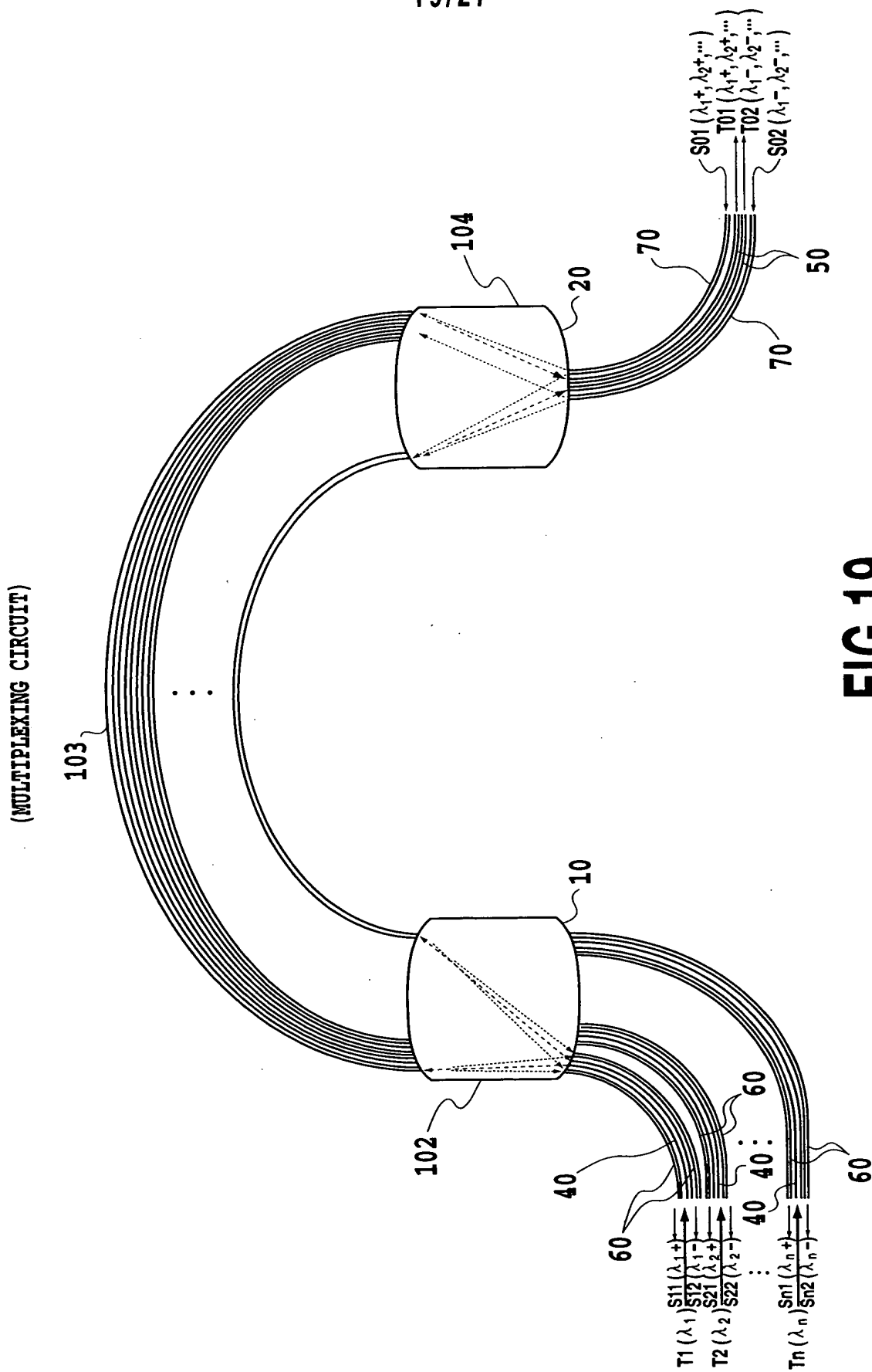


FIG.19

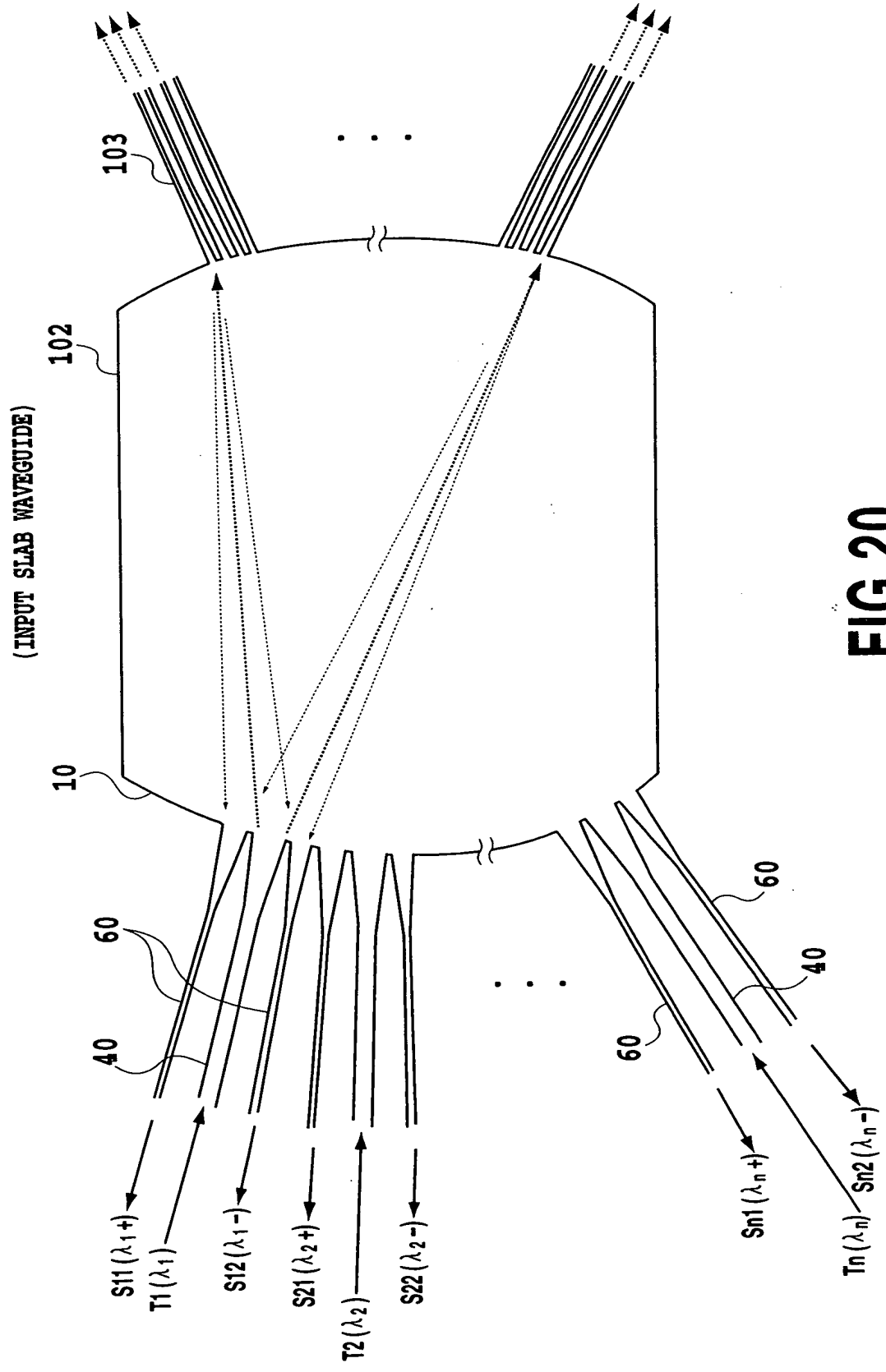


FIG.20

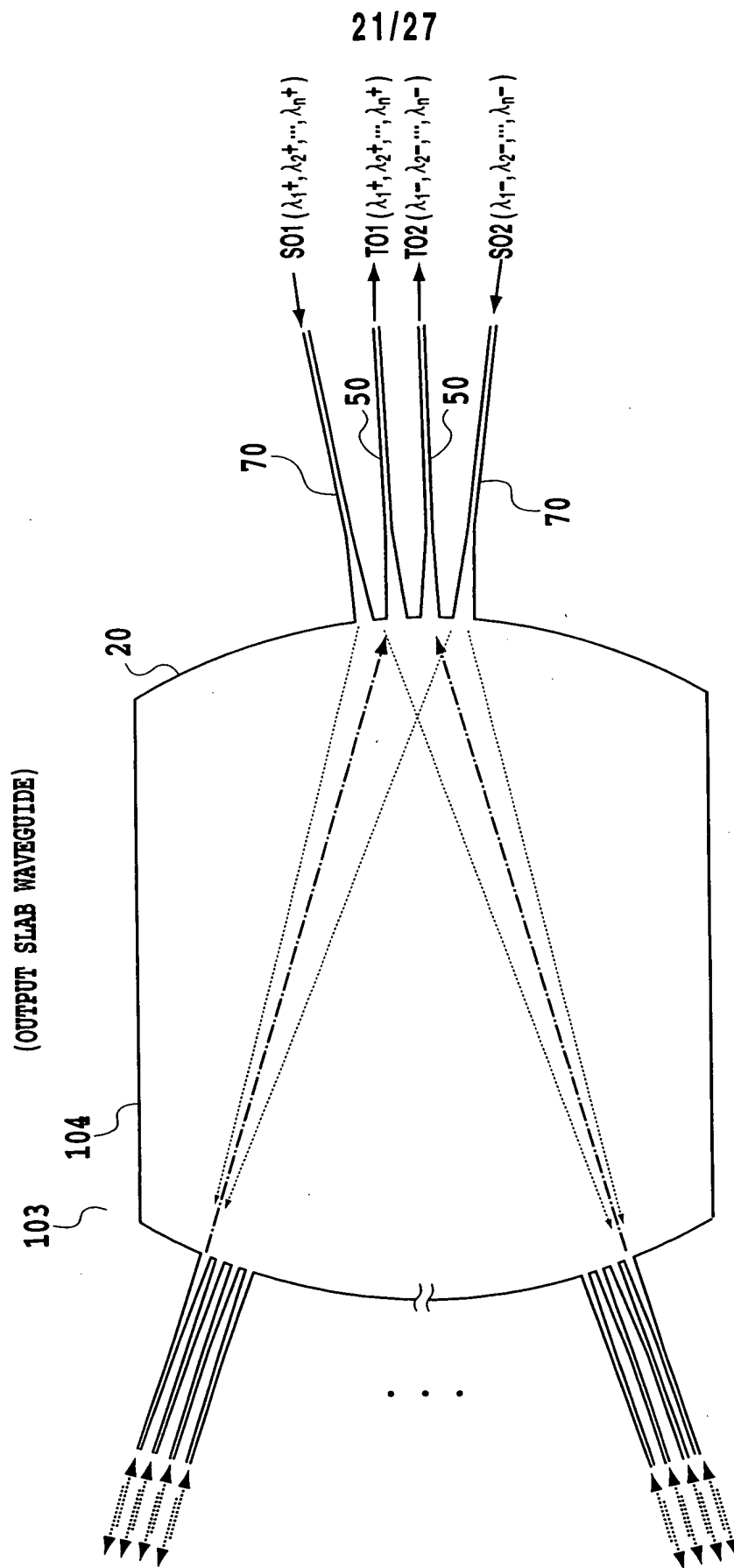


FIG.21

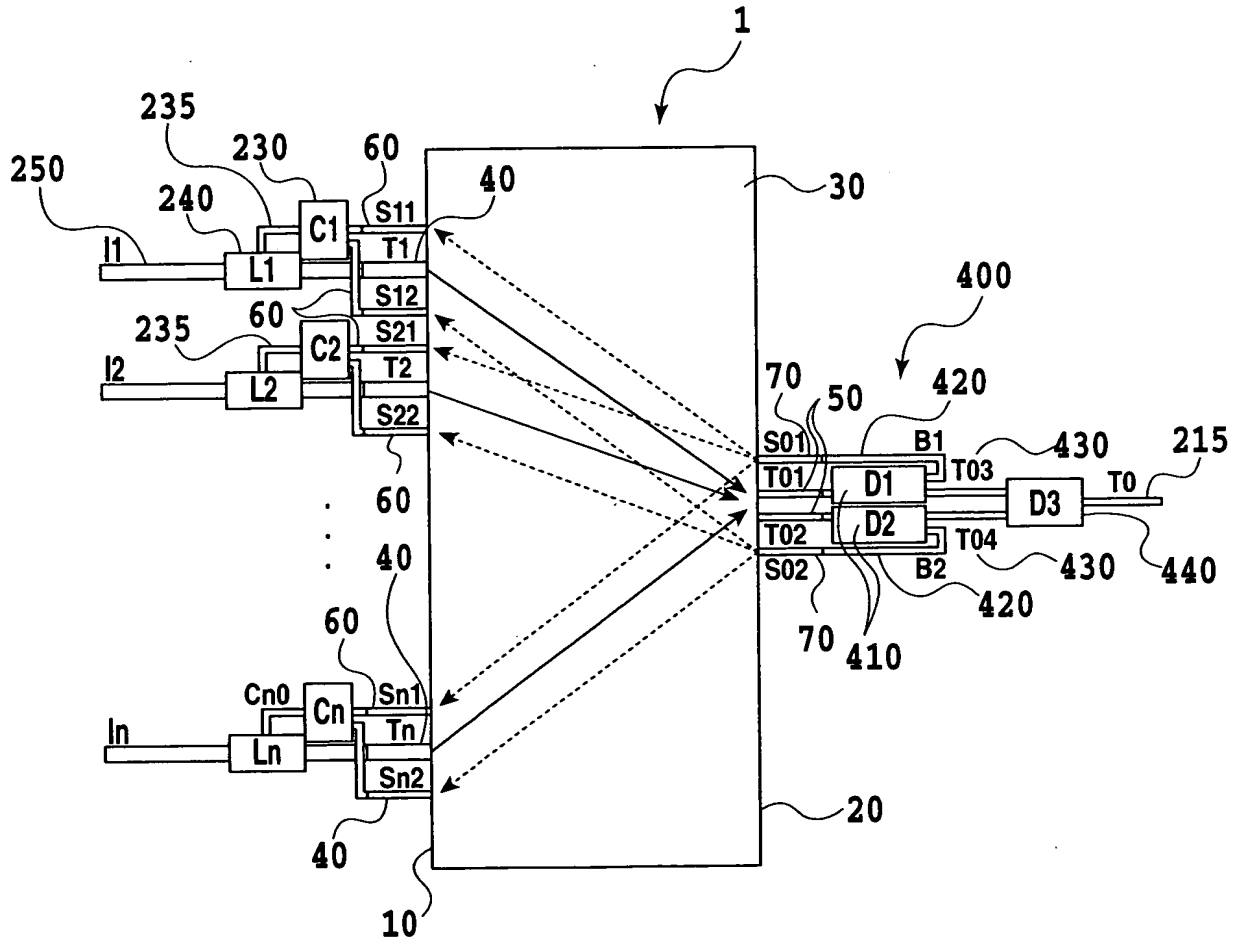


FIG.22

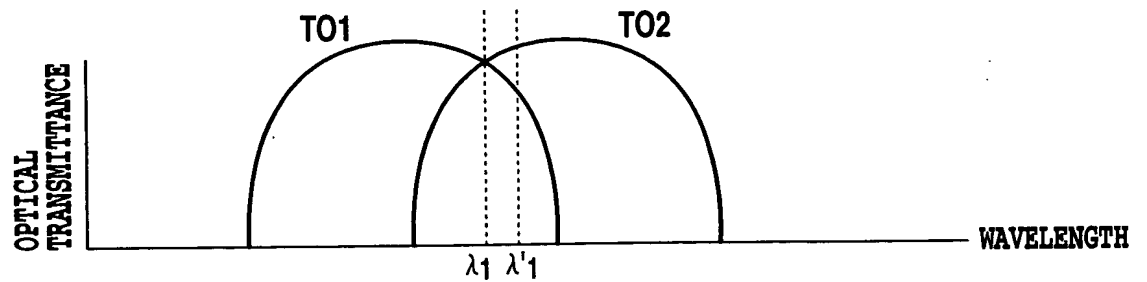


FIG.23A

OPTICAL TRANSMISSION WAVELENGTH
CHARACTERISTICS BETWEEN T1 AND T01, T02

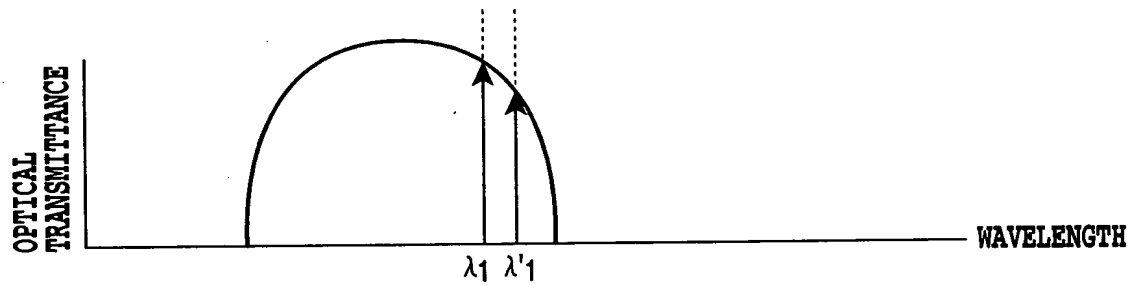


FIG.23B

OPTICAL TRANSMISSION WAVELENGTH
CHARACTERISTIC BETWEEN S01 AND S11

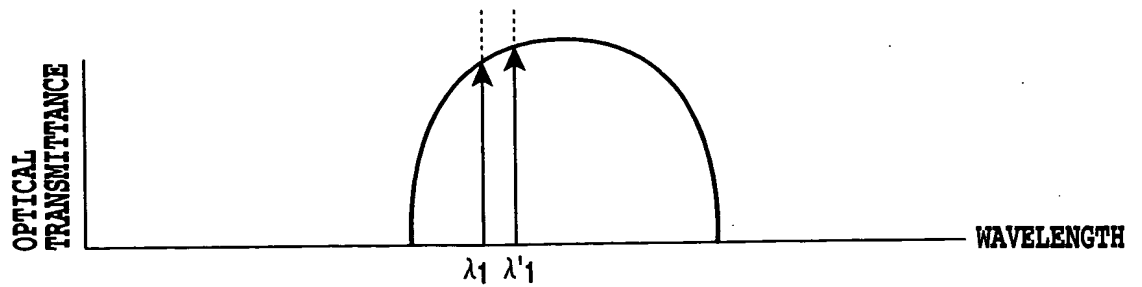


FIG.23C

OPTICAL TRANSMISSION WAVELENGTH
CHARACTERISTIC BETWEEN S02 AND S12

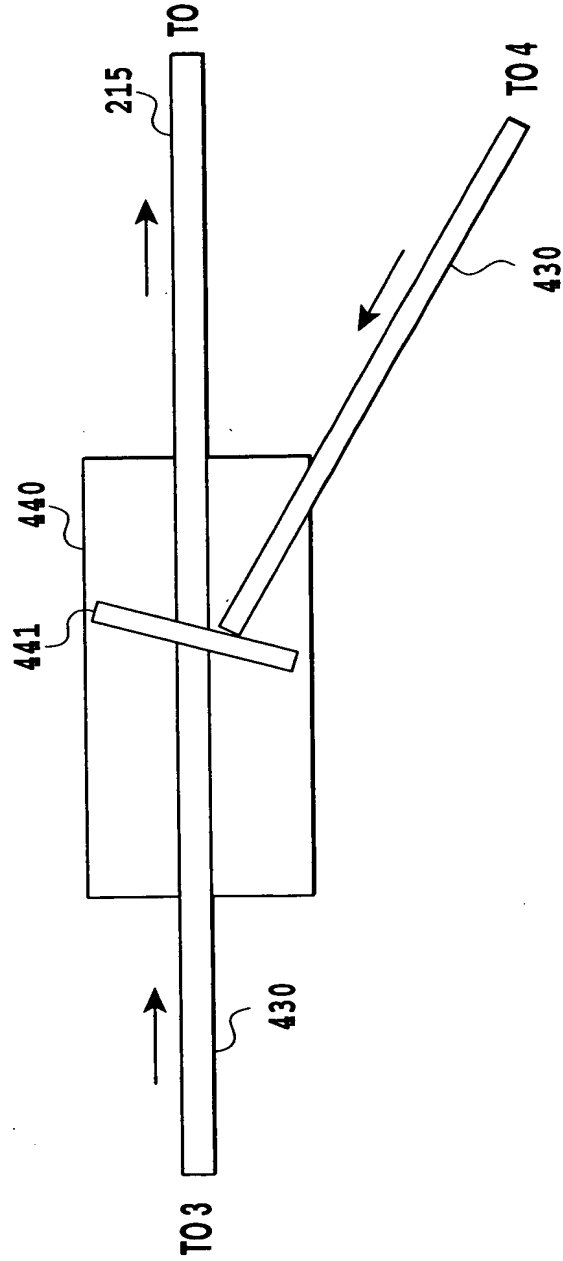


FIG.24

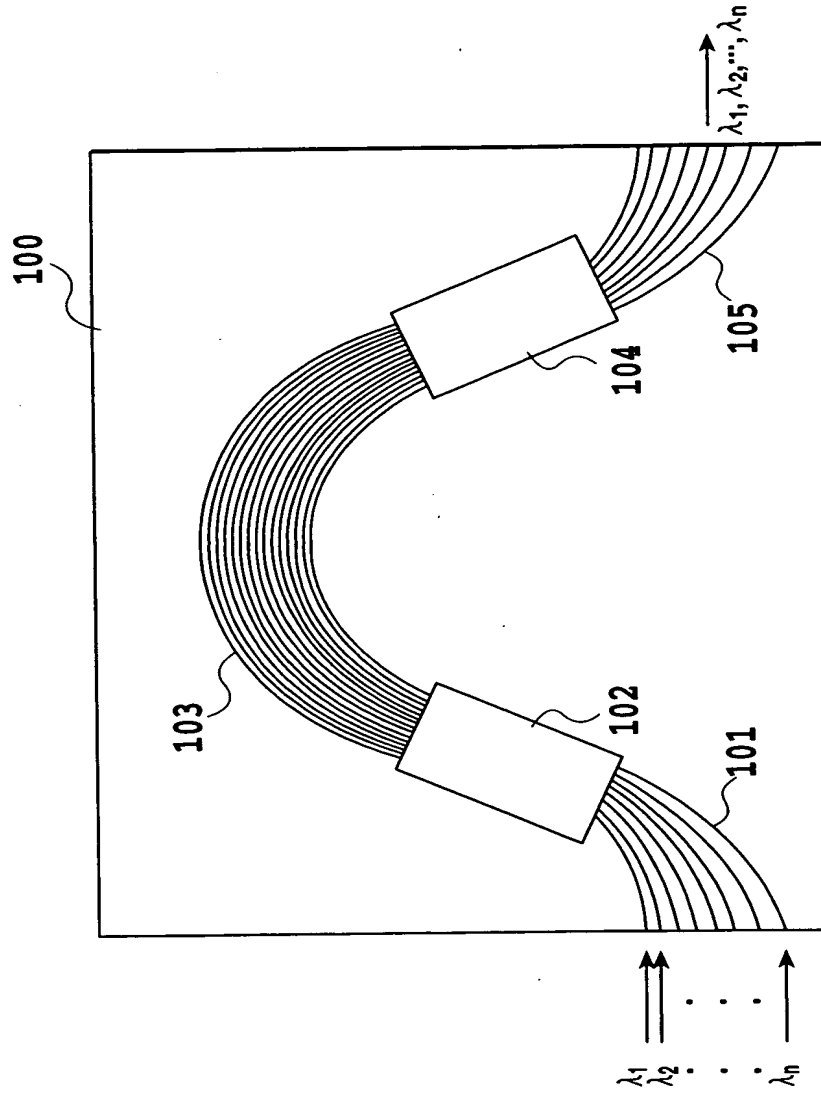


FIG.25

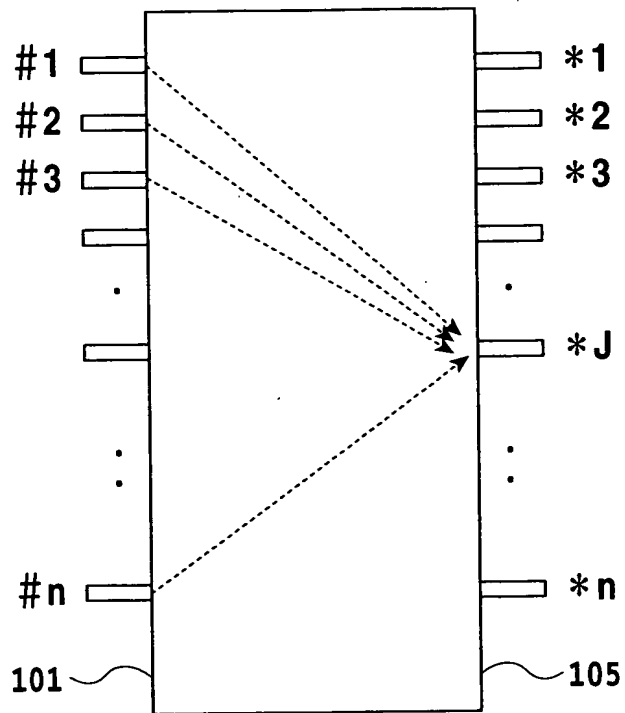
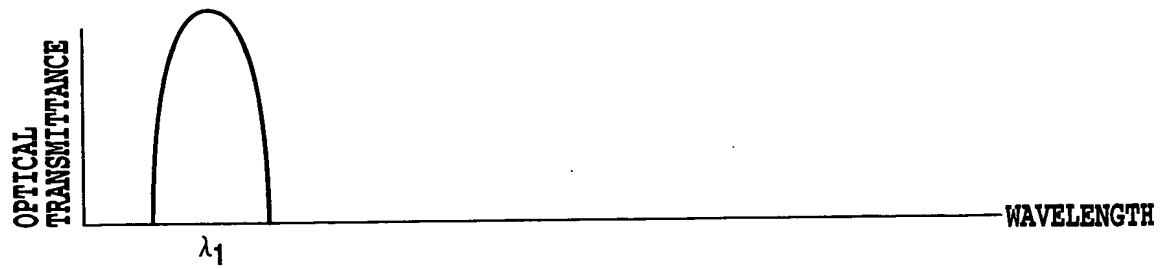


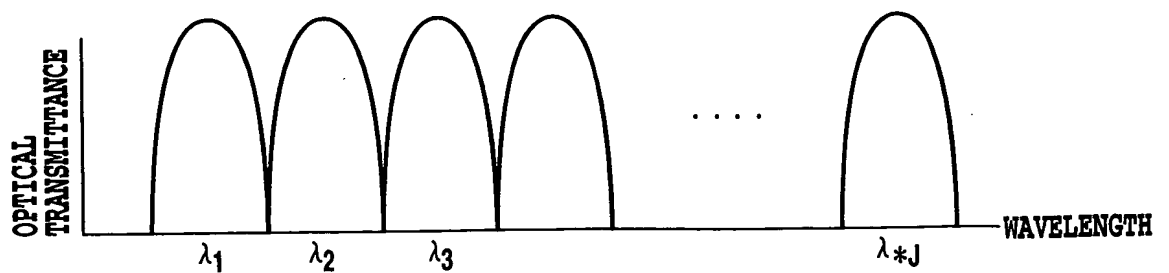
FIG.26



(c) OPTICAL TRANSMISSION CHARACTERISTIC BETWEEN #1 AND *j

FIG.27A

(d) OPTICAL TRANSMISSION CHARACTERISTIC BETWEEN #2 AND *j

FIG.27B

(e) SYNTHESIZE AND DISPLAY OPTICAL TRANSMISSION CHARACTERISTICS BETWEEN #1, #2, ..., #n AND *j

FIG.27C